Name: _____

Solve each problem.

1) At a carnival it costs $91.59 for 71 tickets. Write an equation that can be used to express the relationship between the total cost (t) and the number of tickets(n) you buy.

1. _____

2. _____

2) Using 26 boxes of nails a carpenter was able to finish 234.00 bird houses. Write an equation that can be used to express the relationship between the total number of birdhouses completed(t) and the boxes of nails(b) used.

3. _____

4. _____

3) The combined weight of 22 concrete blocks is 332.86 kilograms. Write an equation that can be used to express the relationship between the total weight(t) and the number of concrete blocks(b) you have.

5. _____

6. _____

4) A chef bought 16 bags of oranges at the supermarket and it cost her $47.52. Write an equation that can be used to express the relationship between the total cost(t) and the number of bags of oranges(b) purchased.

7. _____

8. _____

5) It cost $448.00 for 35 pounds of beef jerky. Write an equation that can be used to express the relationship between the total cost(t) and the pounds of beef jerky(p) purchased.

9. _____

10. _____

6) Vanessa traveled 55.68 kilometers in 64 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

7) A school had to buy 12 new science books and it ended up costing $428.40 total. Write an equation that can be used to express the relationship between the total cost(t) and the number of books(b) purchased.

8) A company used 378.00 lemons to make 42 bottles of lemonade. Write an equation that can be used to express the relationship between the total number of lemons needed (t) for each bottle of lemonade (b).

9) A phone store earned $48.62 after they sold 17 phone cases. Write an equation that can be used to express the relationship between the total money earned (t) and the number of cases(c) sold.

10) A school fundraiser sold 26 candy bars and earned 66.56 dollars total. Write an equation that can be used to express the relationship between the total amount earned(t) and each candy bar sold(b).

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

Solve each problem.

1) At a carnival it costs $91.59 for 71 tickets. Write an equation that can be used to express the relationship between the total cost (t) and the number of tickets(n) you buy.

1. $t = n1.29$

2. $t = b9.00$

2) Using 26 boxes of nails a carpenter was able to finish 234.00 bird houses. Write an equation that can be used to express the relationship between the total number of birdhouses completed(t) and the boxes of nails(b) used.

3. $t = b15.13$

4. $t = b2.97$

3) The combined weight of 22 concrete blocks is 332.86 kilograms. Write an equation that can be used to express the relationship between the total weight(t) and the number of concrete blocks(b) you have.

5. $t = p12.80$

6. $t = m0.87$

4) A chef bought 16 bags of oranges at the supermarket and it cost her $47.52. Write an equation that can be used to express the relationship between the total cost(t) and the number of bags of oranges(b) purchased.

7. $t = b35.70$

8. $t = b9.00$

5) It cost $448.00 for 35 pounds of beef jerky. Write an equation that can be used to express the relationship between the total cost(t) and the pounds of beef jerky(p) purchased.

9. $t = c2.86$

10. $t = b2.56$

6) Vanessa traveled 55.68 kilometers in 64 minutes. Write an equation that can be used to express the relationship between the total kilometers traveled(t) and the minutes(m) it took.

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1-10	90	80	70	60	50	40	30	20	10	0